

Computer Adaptive Naming Assessment for Aphasia: A New Tool for SLPs

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Summary

Anomia is the cardinal deficit of aphasia (Goodglass & Wingfield, 1997), a neurogenic language disorder that affects roughly 2.4 million people in North America with 180,000 new cases annually (Simmons-Mackie & Cherney, 2018). Anomia severity is strongly associated with aphasia severity (Walker & Schwartz, 2012) and discourse informativeness (Fergadiotis et al., 2019), making it a common intervention target in the clinical management of aphasia. As a result, speech-language pathologists often use anomia assessments in clinical practice (Tierney-Hendricks et al., 2021). However, existing assessments of anomia are limited by their psychometric foundation and administration length, consuming valuable face-to-face clinical time. In response, this seminar strives to update clinical speech-language pathologists on recent advancements in the assessment of anomia, which take a fraction of the time to deliver compared to prevailing assessments without sacrificing the precision of the testing instruments.

Links

Free web-based PNT-CAT URL: <https://william-hula.shinyapps.io/pnt-cat>

More information on using the PNT-CAT app: <https://rbcavanaugh.github.io/pnt/>

An interactive web-app for Item-response Theory: <https://aswiderski.shinyapps.io/IRTapp>

Installation instructions for using locally: <https://github.com/rbcavanaugh/pnt/wiki>

Feedback and bug reports: <https://github.com/rbcavanaugh/pnt/issues>

Presentation Slides, Abstract, Seminars Green-OA:

https://drive.google.com/drive/u/0/folders/1V1XtwcUc6ZT3n6YKtYDSw_8tKQ7fwxwL

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